



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 31, 1983

Mr. William Sharrer
Geokinetics, Inc.
582 North Vernal Avenue
P.O. Box 1168
Vernal, Utah 84078

RE: Process Wastewater
Evaporation Pond
Modification to MRP
Geokinetics Camp Kerogen
ACT/047/002
Uintah Basin, Utah

Dear Mr. Sharrer:

The Division has completed the review of the evaporation pond design information submitted in connection with your letter of March 2, 1983. The conceptual design plans for the evaporation pond are adequate for a cursory review, however there are a few questions and concerns which could be clarified:

1. The proposal describes utilization of a "drainage network" to direct surface drainage around the ponds. The specifics of this network or its general location could not be located on the drawings or narrative provided. What are the sizing requirements designed into this network?
2. The proposal outlines a 12 month period of use for the new pond. What are the abandonment or reclamation plans for the ponds?
3. Is pond #1 lined? Is there a leak detection system for monitoring of this pond?
4. When will the final soil stockpile protection plans be submitted to the Division? This information should be sent to the Division no later than 30 days after initial excavation.
5. Fence designs or a narrative as to their type of construction should also be submitted. Concerns for wildlife safety are apparent.

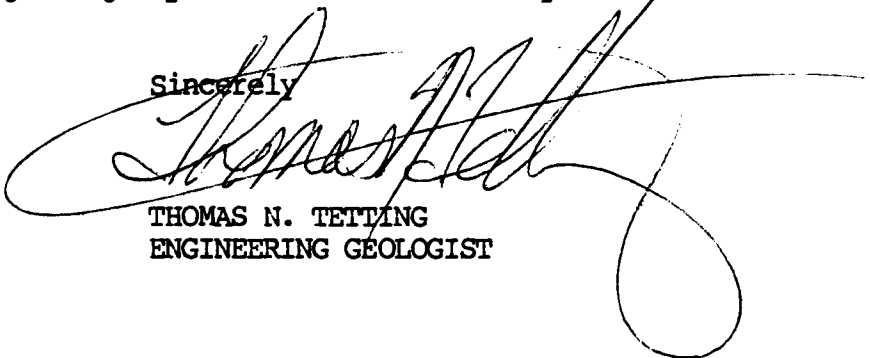
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6. Please confirm the following information: the recent amendment will expand the surface disturbance of the Camp Kerogen operation to a total of 11.5 acres. The Division of State Lands holds two bonds for the sum amount of \$30,000 covering the operations of Geokinetics.

Also, please submit a detailed cost estimate for the reclamation of the new pond and substantiate that this new cost will be covered by the existing bond now held.

The Division will await Geokinetics reply and continue the review at that time. If you have any questions regarding any areas of this letter please contact me.

Sincerely



THOMAS N. TETTING
ENGINEERING GEOLOGIST

TNT/lm

cc: Jim Smith, DOGM
Wayne Hedberg, DOGM
Jim Bradley, Energy Office, DNRE